



42-045-00010  
Erin W

**Monroe Energy, LLC**  
4101 Post Road  
Trainer, PA 19061  
(610) 364-8000

July 16, 2019

Via FedEx: 7757 4456 8473

Mr. James Rebarchak  
Program Manager, Air Quality Program  
PA Department of Environmental Protection  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RECEIVED**

JUL 17 2019

**Air & Radiation Division**

**RE: Monroe Energy, LLC – Trainer Refinery**  
**40 CFR 60, Subpart QQQ Semi-Annual Report**  
**Reporting Period: January 1, 2019 to June 30, 2019**  
**Title V Operating Permit No. 23-00003**

Mr. Rebarchak:

In accordance with 40 CFR Part 60, Subpart QQQ – Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems, the Monroe Energy, LLC Trainer Refinery respectfully submits this Semi-Annual Report for the reporting period January 1, 2019 to June 30, 2019.

All required visual inspections and Method 21 monitoring activities were completed during the reporting period. The results of semi-annual, routine and non-routine visual inspections are provided in Attachment 2.

If you have any questions or comments regarding this report, please contact Stephani Ski Szymanski, Environmental Engineer, at (610) 364-8073.

Sincerely,

A handwritten signature in blue ink, appearing to read "Matthew Torell", written over a blue circular stamp.

Matthew Torell, P.E.  
Environmental Leader

Attachment 1 - Responsible Official Certification  
Attachment 2 - Reporting Requirements

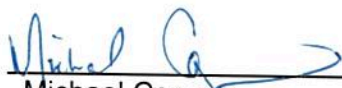
Cc: U.S. EPA, Region III  
Director, Air Protection Division  
Mail Code 3AP00  
1650 Arch Street  
Philadelphia, Pa 19103-2029  
Via FedEx: 7757 4468 4760



## Attachment 1 - Responsible Official Certification

### Responsible Official Certification

Based upon information and belief formed after a reasonable inquiry, I, as a responsible official of the above-mentioned facility, certify the information contained in this report is accurate and true to the best of my knowledge.

  
\_\_\_\_\_  
Michael Capone,  
Refinery Leader

## Attachment 2 – Reporting Requirements

### Fixed Roof

All required semi-annual visual inspections of regulated Fixed Roofs were completed. There were no findings.

### Floating Roof

| <i>Date</i> | <i>QQQ Tag</i>  | <i>Class</i>  | <i>Findings</i>  | <i>Method of Repair</i> | <i>Date:</i> |
|-------------|---|---------------|------------------|-------------------------|--------------|
| 1/2/2019    | 191   | Floating Roof | Product on Panel | Oil Removed from Panel  | 1/2/2019     |
| 1/8/2019    | 191   | Floating Roof | Product on Panel | Oil Removed from Panel  | 1/8/2019     |
| 1/15/2019   | 191   | Floating Roof | Product on Panel | Oil Removed from Panel  | 1/15/2019    |
| 1/22/2019   | 191   | Floating Roof | Product on Panel | Oil Removed from Panel  | 1/22/2019    |
| 1/29/2019   | 160; 191; 231   | Floating Roof | Product on Panel | Oil Removed from Panel  | 1/29/2019    |
| 2/5/2019    | 142;178;191   | Floating Roof | Product on Panel | Oil Removed from Panel  | 2/5/2019     |
| 2/12/2019   | 142   | Floating Roof | Product on Panel | Oil Removed from Panel  | 2/12/2019    |
| 2/19/2019   | 177;178   | Floating Roof | Product on Panel | Oil Removed from Panel  | 2/19/2019    |
| 2/26/2019   | 142;177;177   | Floating Roof | Product on Panel | Oil Removed from Panel  | 2/26/2019    |
| 3/5/2019    | 142;177;178;179;191;<br>192;195;232;253   | Floating Roof | Product on Panel | Oil Removed from Panel  | 3/5/2019     |
| 3/12/2019   | 142;177;178;190;191;<br>192;194;195;253   | Floating Roof | Product on Panel | Oil Removed from Panel  | 3/12/2019    |
| 3/19/2019   | 142;177;178;183;184;<br>190;191;192;194;195;<br>197;202;232;253                             | Floating Roof | Product on Panel | Oil Removed from Panel  | 3/19/2019    |
| 3/26/2019   | 142;177;178;183;184;<br>191;192;202;232;253   | Floating Roof | Product on Panel | Oil Removed from Panel  | 3/26/2019    |
| 4/2/2019    | 142;177;178;182;190;<br>191;192;195;202   | Floating Roof | Product on Panel | Oil Removed from Panel  | 4/2/2019     |
| 4/9/2019    | 142;176;177;178;180;<br>182;190;191;194;195;<br>197;202;232;253                             | Floating Roof | Product on Panel | Oil Removed from Panel  | 4/9/2019     |
| 4/16/2019   | 177;178;191;192;193;<br>194;202;253   | Floating Roof | Product on Panel | Oil Removed from Panel  | 4/16/2019    |
| 4/23/2019   | 176;177;178;180;182;<br>190;192;193;194;195;<br>197;198;199;202;208;<br>237                 | Floating Roof | Product on Panel | Oil Removed from Panel  | 4/23/2019    |
| 4/30/2019   | 176;177;178;179;180;<br>181;182;190;191;192;<br>193;194;195;197;198;<br>201;205;208;235;243 | Floating Roof | Product on Panel | Oil Removed from Panel  | 4/30/2019    |
| 5/7/2019    | 176;177;178;180;182;<br>183;184;191;194;198;<br>202;208;209;243                             | Floating Roof | Product on Panel | Oil Removed from Panel  | 5/7/2019     |



|           |   |                  |                  |                        |           |
|-----------|---|------------------|------------------|------------------------|-----------|
| 5/14/2019 | 176;177;178;181;182;<br>183;184;189;190;191;<br>193;194;199;200;202;<br>203;208;209;244                                     | Floating<br>Roof | Product on Panel | Oil Removed from Panel | 5/14/2019 |
| 5/21/2019 | 176;177;178;180;182;<br>183;184;188;189;190;<br>191;192;194;199;202;<br>203;208;209;235;239;<br>243                         | Floating<br>Roof | Product on Panel | Oil Removed from Panel | 5/21/2019 |
| 5/28/2019 | 176;177;178;179;180;<br>182;183;184;188;190;<br>191;192;193;194;198;<br>199;200;201;201;208;<br>209;235;238;239;243;<br>245 | Floating<br>Roof | Product on Panel | Oil Removed from Panel | 5/28/2019 |
| 6/4/2019  | 176;177;178;179;180;<br>183;184;186;187;188;<br>190;191;194;198;202;<br>208;209;238   | Floating<br>Roof | Product on Panel | Oil Removed from Panel | 6/4/2019  |
| 6/11/2019 | 177;191;192;194;236   | Floating<br>Roof | Product on Panel | Oil Removed from Panel | 6/11/2019 |
| 6/18/2019 | 177;178;180;181;182;<br>183;191;192;194;198;<br>202;202;205;209;235;<br>244   | Floating<br>Roof | Product on Panel | Oil Removed from Panel | 6/18/2019 |
| 6/25/2019 | 177;178;180;181;182;<br>183;191;192;194;198;<br>201;202;205;209;235;<br>244   | Floating<br>Roof | Product on Panel | Oil Removed from Panel | 6/25/2019 |

### **Junction Boxes**

All required semi-annual visual inspections of regulated junction boxes/manhole covers and unburied sewer lines were completed. There were no findings.

### **OWS (Process Water Sewer) Drains**

| <b>Month</b> | <b>Date</b> | <b>QQQ Tag</b> | <b>Class</b> | <b>Findings</b> | <b>Method of Repair</b>                  | <b>Date:</b> |
|--------------|-------------|----------------|--------------|-----------------|--|--------------|
| January      | 1/15/2019   | 2-15           | Drain        | Dry             | Added water to replace/ensure water seal | 1/15/2019    |
|              | 1/15/2019   | 3-11           | Drain        | Dry             | Added water to replace/ensure water seal | 1/15/2019    |
|              | 1/15/2019   | 4-16           | Drain        | Dry             | Added water to replace/ensure water seal | 1/15/2019    |
|              | 1/10/2019   | 2-202          | Drain        | Dry             | Added water to replace/ensure water seal | 1/10/2019    |
| February     | 2/12/2019   | 3-046          | Drain        | Dry             | Added water to replace/ensure water seal | 2/12/2019    |
|              | 2/12/2019   | 3-18           | Drain        | Dry             | Added water to replace/ensure water seal | 2/12/2019    |
|              | 2/12/2019   | 4-10           | Drain        | Dry             | Added water to replace/ensure water seal | 2/12/2019    |
|              | 2/13/2019   | 1-16           | Drain        | Dry             | Added water to replace/ensure water seal | 2/13/2019    |
|              | 2/13/2016   | 1-26           | Drain        | Dry             | Added water to replace/ensure water seal | 2/13/2019    |

|       |           |        |       |     |  |           |
|-------|-----------|--------|-------|-----|--|-----------|
| March | 3/11/2019 | 2-46   | Drain | Dry | Added water to replace/ensure water seal | 3/11/2019 |
|       | 3/8/2019  | 3-5    | Drain | Dry | Added water to replace/ensure water seal | 3/8/2019  |
|       | 3/8/2019  | 3-11   | Drain | Dry | Added water to replace/ensure water seal | 3/8/2019  |
|       | 3/8/2019  | 4-36   | Drain | Dry | Added water to replace/ensure water seal | 3/8/2019  |
|       | 3/11/2019 | 6-26   | Drain | Dry | Added water to replace/ensure water seal | 6/26/2019 |
| April | 4/3/2019  | 2-8    | Drain | Dry | Added water to replace/ensure water seal | 4/3/2019  |
|       | 4/1/2019  | 1-14   | Drain | Dry | Added water to replace/ensure water seal | 4/1/2019  |
|       | 4/4/2019  | 6-19   | Drain | Dry | Added water to replace/ensure water seal | 4/4/2019  |
|       | 4/1/2019  | 1-39   | Drain | Dry | Added water to replace/ensure water seal | 4/1/2019  |
| May   | 5/8/2019  | 3-054  | Drain | Dry | Added water to replace/ensure water seal | 5/8/2019  |
|       | 5/2/2019  | 1-43   | Drain | Dry | Added water to replace/ensure water seal | 5/2/2019  |
|       | 5/7/2019  | 4-9    | Drain | Dry | Added water to replace/ensure water seal | 5/7/2019  |
|       | 5/7/2019  | 4-36   | Drain | Dry | Added water to replace/ensure water seal | 5/7/2019  |
| June  | 6/10/2019 | 3-060B | Drain | Dry | Added water to replace/ensure water seal | 6/10/2019 |
|       | 6/5/2019  | 1-28   | Drain | Dry | Added water to replace/ensure water seal | 6/5/2019  |
|       | 6/5/2019  | 1-41   | Drain | Dry | Added water to replace/ensure water seal | 6/5/2019  |
|       | 6/6/2019  | 4/36   | Drain | Dry | Added water to replace/ensure water seal | 6/6/2019  |
|       | 6/12/2019 | 6-26   | Drain | Dry | Added water to replace/ensure water seal | 6/12/2019 |

